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**United States  
Department of  
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Service

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# Plant Variety Protection Office Official Journal



RECORDS

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OF AGRICULTURE

PREFACE

THE PLANT VARIETY PROTECTION ACT (7 U.S.C. 2321 ET SEQ.) AUTHORIZES THE SECRETARY OF AGRICULTURE TO PUBLISH AN OFFICIAL JOURNAL AND TO PROVIDE THE PUBLIC WITH INFORMATION RELATING TO THE OPERATIONS OF THE PLANT VARIETY PROTECTION OFFICE. THE STATUTE ALSO AUTHORIZES THE SECRETARY TO DISSEMINATE TECHNOLOGICAL AND OTHER INFORMATION THAT ENCOURAGES INNOVATION AND PROGRESS IN PLANT BREEDING.

THE OFFICIAL JOURNAL, PUBLISHED QUARTERLY, IS AVAILABLE FROM:

PLANT VARIETY PROTECTION OFFICE  
LIVESTOCK, POULTRY, GRAIN & SEED DIV., AMS  
U. S. DEPARTMENT OF AGRICULTURE  
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BELTSVILLE, MARYLAND 20705

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APPLICATIONS RECEIVED  
JANUARY 1, 1980 TO MARCH 31, 1980

APPLICATIONS FOR PROTECTION HAVE BEEN FILED FOR THE FOLLOWING VARIETIES. EACH APPLICATION HAS BEEN ASSIGNED AN APPLICATION NUMBER AND WILL BE EXAMINED TO DETERMINE WHETHER THE VARIETY IS ENTITLED TO PROTECTION. UNTIL FURTHER NOTICE IS PUBLISHED IN THE OFFICIAL JOURNAL, SEED OF THESE VARIETIES MAY BE LABELED "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. VARIETY PROTECTION APPLIED FOR."

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
ALFALFA	8000046	CLASSIC	800125	FARMERS FORAGE RESEARCH COOP.
	8000047	HI-PHY	800125	FARMERS FORAGE RESEARCH COOP.
	* 8000069	ONEIDA	800310	CORNELL UNIV. AGRIC. EXPT. STA. (2)
	8000074	FUTURA	800304	DAIRYLAND SEED CO., INC. (3)
BEAN, FIELD	* 8000083	ONDA	800331	WILBUR-ELLIS CO. (2)
	* 8000077	OLATHE	800320	COLORADO STATE UNIVERSITY
	8000048	GALAGOLD	800128	GALLATIN VALLEY SEED CO.
	8000049	BBL 109	800128	GALLATIN VALLEY SEED CO.
BEAN, GARDEN	8000058	ROMA II	800220	ROGERS BROTHERS SEED CO.
	8000079	SHASTA	800324	PURE SEED TESTING, INC.
	8000066	LH 38	800304	PERMISSION TO PUBLISH NOT RECEIVED
	8000067	LH 39	800304	PERMISSION TO PUBLISH NOT RECEIVED
BLUEGRASS, KENTUCKY	8000052	DELTAPINE SR-5	800207	DELTA AND PINE LAND CO.
	8000080	PAYMASTER 145	800324	ACCO SEED
	8000081	PAYMASTER 404	800324	ACCO SEED
	* 8000068	MISSISSIPPI CREAM	800306	MISSISSIPPI FOUNDATION SEED STOCKS (3)
CORN, FIELD	8000043	VIVA II	800116	PERMISSION TO PUBLISH NOT RECEIVED
	8000044	VALLEY QUEEN	800122	PERMISSION TO PUBLISH NOT RECEIVED
	8000082	DELMAR	800325	MORAN SEEDS, INC.
	8000050	ORANGE WINNER	800129	ROYAL SLUIS, NETH.
COWPEA	8000053	JANIE	800208	GOLDSMITH SEEDS, INC.
	* 8000042	MARATHON	791218	WISCONSIN AGRIC. EXPT. STA. (3)
	* 8000055	BENSON	800215	MINNESOTA AGRIC. EXPT. STA. (3)

\*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED  
< > IDENTIFIES TEMPORARY DESIGNATIONS  
( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

APPLICATIONS RECEIVED (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT	
OAT	* 8000056	MOORE	800215	MINNESOTA AGRIC. EXPT. STA.	(3)
ONION	8000039	RED SUNSET	800102	DESSERT SEED CO., INC.	
	8000040	BLANCO DURO	800102	DESSERT SEED CO., INC.	
	8000041	BROOKS PPR	800102	DESSERT SEED CO., INC.	
PEA, GARDEN	8000064	8615 EARLY PERFECTION	800304	CANNERS SEED CORPORATION	
	8000065	9021 EARLY PERFECTION	800304	CANNERS SEED CORPORATION	
RYEGRASS, PERENNIAL	8000051	ROYAL	800128	WOMERSTEEG INTERNATIONAL B.V. NETH	
SOYBEAN	* 8000045	DELTAPINE 345	800124	DELTA AND PINE LAND CO.	(3)
	8000054	RA-481	800213	RING AROUND PRODUCTS, INC.	
	8000057	RA-603	800220	RING AROUND PRODUCTS, INC.	
	8000059	RA-701	800220	RING AROUND PRODUCTS, INC.	
	* 8000061	WEBER	800228	IOWA AGRIC. & HOME ECON. EXPT. STA	(3)
	* 8000062	BSR 301	800228	IOWA AGRIC. & HOME ECON. EXPT. STA	(3)
	* 8000063	PELLA	800228	IOWA AGRIC. & HOME ECON. EXPT. STA	(3)
	8000070	HP 20-20	800311	NORTH AMERICAN PLANT BREEDERS	
	8000071	TC 137	800311	NORTH AMERICAN PLANT BREEDERS	
	8000072	AP 200	800311	NORTH AMERICAN PLANT BREEDERS	
	8000073	AP 225C	800311	NORTH AMERICAN PLANT BREEDERS	
	* 8000075	BRAXTON	800318	FLORIDA FOUND. SEED PROD., INC.	(3)
	8000076	STEVENS	800319	SCIENTIFIC SEED CO., INC.	
TOBACCO	* 8000060	MCNAIR 373	800227	PERMISSION TO PUBLISH NOT RECEIVED	(3)
WHEAT, COMMON	* 8000078	WESTBRED 906R	800321	WESTERN PLANT BREEDERS	(3)

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# APPLICATIONS AMENDED

JANUARY 1, 1980 TO MARCH 31, 1980

INFORMATION CONCERNING THE VARIETIES LISTED BELOW HAS BEEN PUBLISHED PREVIOUSLY IN THE OFFICIAL JOURNAL'S LIST OF "APPLICATIONS RECEIVED". DURING THE EXAMINATION PROCESS, THE APPLICANT REQUESTED THIS INFORMATION TO BE AMENDED AS INDICATED BELOW.

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT	
BLUEGRASS, KENTUCKY	7900114	ARGYLE	790831	HEART SEED CO., INC.	
		VARIETY WITH TEMPORARY DESIGNATION OF ARGYLE CA-24 NAMED 'ARGYLE'.			
COTTON	* 7800068	MCNAIR 235	780511	NORTHRUP KING CO.	(3)
		NAME OF APPLICANT CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
	* 7900053	MCNAIR 308	790301	NORTHRUP KING CO.	(3)
		NAME OF APPLICANT CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
	* 7900059	MCNAIR 307	790312	NORTHRUP KING CO.	(3)
		NAME OF APPLICANT CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
SOYBEAN	* 7900088	MCNAIR 710	790620	NORTHRUP KING CO.	(3)
		NAME OF APPLICANT CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			

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 ( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

APPLICATIONS AMENDED (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT	
SOYBEAN	* 7900089	MCNAIR 770	790710	NORTHROP KING CO.	(3)
		NAME OF APPLICANT CHANGED FROM MCNAIR SEED CO. TO NORTHROP KING CO.			
	* 7900093	MCNAIR 700	790725	NORTHROP KING CO.	(3)
		NAME OF APPLICANT CHANGED FROM MCNAIR SEED CO. TO NORTHROP KING CO.			
	* 7900094	MCNAIR 780	790725	NORTHROP KING CO.	(3)
		NAME OF APPLICANT CHANGED FROM MCNAIR SEED CO. TO NORTHROP KING CO.			
	7900110	PL 70-10546D	790830	SOYBEAN RESEARCH FOUNDATION, INC.	
	SALE NOT LIMITED TO CERTIFIED SEED ONLY; CORRECTS OFFICE ERROR OF OFFICIAL JOURNAL, VOL. 7(4):6.				
TOBACCO	* 7900040	SPEIGHT G-52	790125	SPEIGHT SEED FARMS, INC.	(3)
	TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED.				

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APPLICATIONS AMENDED (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT	(3)
WHEAT, COMMON	* 8000012	DANCER	791114	NORTH AMERICAN PLANT BREEDERS	(3)

TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED.

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APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE  
JANUARY 1, 1980 TO MARCH 31, 1980

APPLICATIONS FOR THE VARIETIES LISTED BELOW ARE NO LONGER BEING CONSIDERED FOR U.S. PLANT VARIETY PROTECTION. UNAUTHORIZED PROPAGATION OF THESE VARIETIES IS NO LONGER PROHIBITED BY THE U.S. PLANT VARIETY PROTECTION ACT.

KIND	APPL. NO.	VARIETY
CLOVER, RED	7500032	<RHA-I>

< > IDENTIFIES TEMPORARY DESIGNATIONS

CERTIFICATES AMENDED  
JANUARY 1, 1980 TO MARCH 31, 1980

THE FOLLOWING CERTIFICATES HAVE BEEN AMENDED IN ACCORDANCE WITH SECTIONS 180.103, 180.122, AND 180.130 OF THE PLANT VARIETY PROTECTION ACT.

KIND	CERT. NO.	VARIETY	ISSUE DATE	NAME OF OWNER	(3)
AGROTICUM	* 7500026	2350	751212	SEED RESEARCH INC.	(3)
		NUMBER OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER SEED CHANGED FROM 2 TO 3.			
	* 7500027	3425	751212	SEED RESEARCH INC.	(3)
		NUMBER OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER SEED CHANGED FROM 2 TO 3.			
COTTON	* 7100090	MCNAIR 210	740620	NORTHRUP KING CO.	(3)
		NAME OF OWNER CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
	* 7200095	MCNAIR 511	740521	NORTHRUP KING CO.	(3)
		NAME OF OWNER CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
	* 7400023	MCNAIR 612	750306	NORTHRUP KING CO.	(3)
		NAME OF OWNER CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			

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CERTIFICATES AMENDED (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	CERT. NO.	VARIETY	ISSUE DATE	NAME OF OWNER	
COTTON	* 7600077	MCNAIR 220	770719	NORTHRUP KING CO.	(3)
		NAME OF OWNER CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
PEA, GARDEN	7900049	KOSTA	790726	ARDIE G. GUSTAFSON, SEEDSMAN	
		NOVELTY STATEMENT AMENDED TO READ 'KOSTA' MOST CLOSELY RESEMBLES 'SCOUT'; HOWEVER, 'KOSTA' IS RESISTANT TO FUSARIUM WILT RACE 5, WHEREAS 'SCOUT' IS SUSCEPTIBLE TO FUSARIUM WILT RACE 5.			
SOYBEAN	* 7100042	MCNAIR 800	740410	NORTHRUP KING CO.	(3)
		NAME OF OWNER CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
	* 7100075	MCNAIR 600	740226	NORTHRUP KING CO.	(3)
		NAME OF OWNER CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
	* 7605016	MCNAIR 500	770215	NORTHRUP KING CO.	(3)
		NAME OF OWNER CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			

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( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

CERTIFICATES AMENDED (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	CERT. NO.	VARIETY	ISSUE DATE	NAME OF OWNER	(3)
TOBACCO	* 7400035	MCNAIR 944	770318	NORTHRUP KING CO.	(3)
		NAME OF OWNER CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
WHEAT, COMMON	* 7200037	MCNAIR 4823	750408	NORTHRUP KING CO.	(3)
		NAME OF OWNER CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
	* 7500006	MCNAIR 1813	750501	NORTHRUP KING CO.	(3)
		NAME OF OWNER CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
	* 7600049	5221	770928	SEED RESEARCH INC.	(3)
		NUMBER OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER SEED CHANGED FROM 2 TO 3.			
	* 7600050	4555	770719	SEED RESEARCH INC.	(3)
		NUMBER OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER SEED CHANGED FROM 2 TO 3.			

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( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

CERTIFICATES AMENDED (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	CERT. NO.	VARIETY	ISSUE DATE	NAME OF OWNER	
WHEAT, COMMON	* 7600051 5232		770607	SEED RESEARCH INC.	(3)
		NUMBER OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER SEED CHANGED FROM 2 TO 3.			
	* 7700082 DELTA QUEEN		790913	NORTH AMERICAN PLANT BREEDERS	(3)
		NAME OF OWNER CHANGED FROM COKER'S PEDIGREED SEED CO. TO NORTH AMERICAN PLANT BREEDERS.			
	* 7700084 MCNAIR 1003		780810	NORTHRUP KING CO.	(3)
		NAME OF OWNER CHANGED FROM MCNAIR SEED CO. TO NORTHRUP KING CO.			
	* 7700105 5422		790125	SEED RESEARCH INC.	(3)
		NUMBER OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER SEED CHANGED FROM 2 TO 3.			
	* 7700106 5466		790816	SEED RESEARCH INC.	(3)
		NUMBER OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER SEED CHANGED FROM 2 TO 3.			

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( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

CERTIFICATES AMENDED (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	CERT. NO.	VARIETY	ISSUE DATE	NAME OF OWNER	(3)
WHEAT, COMMON	* 7800006 4578		791018	SEED RESEARCH INC.	
		NUMBER OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER SEED CHANGED FROM 2 TO 3.			

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM  
JANUARY 1, 1980 TO MARCH 31, 1980

CLAIMS OF THE APPLICANT REGARDING ELIGIBILITY FOR PLANT VARIETY PROTECTION AND NOVELTY AS STATED BELOW HAVE BEEN SUBSTANTIATED FOR THE FOLLOWING VARIETIES. ACCORDINGLY, CERTIFICATES OF PLANT VARIETY PROTECTION HAVE BEEN ISSUED AND ALL RIGHTS TO WHICH THE OWNER IS ENTITLED SHALL BE IN FORCE UNTIL FURTHER NOTICE IN THE OFFICIAL JOURNAL. SEED OF THESE VARIETIES MAY BE LABELED AS FOLLOWS:  
"UNAUTHORIZED PROPAGATION PROHIBITED - U.S. PROTECTED VARIETY."

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
BLUEGRASS,	KENTUCKY * 7800071	BARBIE	800226	BARENBRUG HOLLAND N.V., NETH.

(3)

'BARBIE' MOST CLOSELY RESEMBLES 'FYLKING'; HOWEVER, 'BARBIE' HAS A RED PANICLE, WHEREAS 'FYLKING' HAS A GREEN PANICLE. ALSO 'BARBIE' IS 20 CM TALLER THAN 'FYLKING' (70 VS 50 CM) AND HEADS SEVEN DAYS LATER THAN 'FYLKING'.

CORN, FIELD	7800020	LPI NR HT	800129	PFISTER HYBRID CORN CO.
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'LPI NR HT' IS MOST SIMILAR TO 'A632'; HOWEVER, 'LPI NR HT' IS RESISTANT TO HELMINTHOSPORIUM TURCICUM, WHEREAS 'A632' IS SUSCEPTIBLE.

CORN, SWEET	7900036	P737M20	800327	ASGROW SEED CO.
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'P737M20' IS MOST SIMILAR TO 'IOWA 2132'; HOWEVER, 'P737M20' IS RESISTANT TO HELMINTHOSPORIUM TURCICUM, WHEREAS 'IOWA 2132' IS SUSCEPTIBLE.

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
COTTON	7700028	REX 713	800226	ARKANSAS AGRIC. EXPT. STA.
		'REX 713' MOST CLOSELY RESEMBLES 'REX SL-66'; HOWEVER, 'REX 713' MATURES 4 DAYS EARLIER.		
	7900030	ROGERS LG-10	800327	ROGERS DELINTED COTTONSEED CO.
		'ROGERS LG-10' MOST CLOSELY RESEMBLES 'ROGERS GL-6'; HOWEVER, 'ROGERS LG-10' HAS SMOOTH BOLLS AND FINE TOOTHED BRACTEOLAS, WHEREAS 'ROGERS GL-6' HAS PITTED BOLLS AND COARSE TOOTHED BRACTEOLAS.		
	* 7900087	COKER 420	800129	COKER'S PEDIGREED SEED CO.
		'COKER 420' MOST CLOSELY RESEMBLES 'COKER 310'; HOWEVER, 'COKER 420' HAS GLABROUS LEAVES AND STEMS, WHEREAS THOSE OF 'COKER 310' ARE PUBESCENT.		(3)
	7900102	DELTAPINE 41	800327	DELTA AND PINE LAND CO.
		'DELTAPINE 41' MOST CLOSELY RESEMBLES 'DELTAPINE 55'; HOWEVER, 'DELTAPINE 41' HAS A HIGHER LINT PERCENTAGE (37.7 VS 36.4%) AND 0.40 G LESS SEED COTTON PER BOLL THAN 'DELTAPINE 55'.		

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
LETTUCE	7900095	VIVA	800102	BRUCE CHURCH, INC.
'VIVA' MOST CLOSELY RESEMBLES 'EMPIRE'; HOWEVER, 'VIVA' HAS DARKER GREEN LEAF COLOR (143C VS 144B ROYAL HORTICULTURAL SOCIETY COLOUR CHART), THICKER HEAD LEAVES (1.0-2.0 VS .5-1.0. MM) AND WILL MATURE 4 DAYS EARLIER THAN 'EMPIRE'.				
MUSKMELON	7300068	GUSTO 45	800311	ASGROW SEED CO.
'GUSTO 45' IS MOST SIMILAR TO '45 SJ'; HOWEVER, '45 SJ' IS SUSCEPTIBLE TO RACE 2 OF POWDERY MILDEW, WHEREAS 'GUSTO 45' IS RESISTANT TO RACE 2 OF THIS PATHOGEN.				
ONION	7900076	COLOSSAL	791018	DESSERT SEED CO., INC.
'COLOSSAL' IS MOST SIMILAR TO 'TEXAS GRANO 502 PRR'; HOWEVER, THE MATURE BULBS OF 'COLOSSAL' ARE LARGER AND SLIGHTLY LESS ELONGATE, AVERAGING 19 MM GREATER IN DIAMETER, 13 MM GREATER IN DEPTH, AND 86 G MORE IN FRESH WEIGHT THAN 'TEXAS GRANO 502 PRR'.				
	7900117	NEW MEXICO YELLOW GRANO PRR	800129	DESSERT SEED CO., INC.
'NEW MEXICO YELLOW GRANO PRR' IS MOST SIMILAR TO 'NEW MEXICO YELLOW GRANO'; HOWEVER, 'NEW MEXICO YELLOW GRANO PRR' IS RESISTANT TO PINK ROOT AND COMMON STRAINS OF YELLOW DWARF, WHEREAS 'NEW MEXICO YELLOW GRANO' IS SUSCEPTIBLE TO PINK ROOT AND COMMON STRAINS OF YELLOW DWARF.				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
PEA, GARDEN	7900099	TAHOE	800102	PURE LINE SEEDS, INC.
'TAHOE' MOST CLOSELY RESEMBLES 'PUGET'; HOWEVER, 'TAHOE' IS RESISTANT TO FUSARIUM WILT RACES 5 AND 6, WHEREAS 'PUGET' IS SUSCEPTIBLE.				
	7900116	CHAPO	800129	ARDIE G. GUSTAFSON, SEEDSMAN
'CHARO' IS MOST SIMILAR TO 'SCOUT'; HOWEVER, 'CHARO' IS RESISTANT TO FUSARIUM WILT RACES 5 AND 6, WHEREAS 'SCOUT' IS SUSCEPTIBLE.				
	7900120	ALPHA I	800226	WILBUR-ELLIS CO.
'ALPHA I' MOST CLOSELY RESEMBLES 'RECETTE'; HOWEVER, 'ALPHA I' FIRST BLOOMS ON THE 15TH AND 16TH NODE, WHEREAS 'RECETTE' FIRST BLOOM NODE IS THE 14TH, MAKING 'ALPHA I' 3 TO 5 DAYS LATER IN MATURITY THAN 'RECETTE' AND 'ALPHA I' AVERAGES 10 CM (75 VS 65 CM) TALLER IN PLANT HEIGHT THAN 'RECETTE'.				
RYEGRASS, PERENNIAL	* 7100045	GAME	800311	J. JOORDENS ZAADHANDEL N.V., NETH. (3)
'GAME' IS MOST SIMILAR TO 'PENNFINE'; HOWEVER, 'GAME' IS 3 DAYS LATER THAN 'PENNFINE' AND THE FLAG LEAF OF 'GAME' IS 3.5 CM LONGER AND 1.2 MM WIDER THAN THAT OF 'PENNFINE'.				

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER
RYEGRASS, PERENNIAL	* 7700092	AUGUSTA	800102	NAT. SEED DEV. ORGAN., LTD., U.K. (3)
'AUGUSTA' MOST CLOSELY RESEMBLES 'SABEL'; HOWEVER, 'AUGUSTA' HEADS 7 TO 9 DAYS LATER THAN 'SABEL'.				
SOYBEAN	* 7800077	CRAWFORD	800102	KANSAS AGRIC. EXPT. STA. (3)
'CRAWFORD' IS MOST SIMILAR TO 'COLUMBUS'; HOWEVER, 'CRAWFORD' LEAVES ARE SMALLER THAN THOSE OF 'COLUMBUS' (10 X 13 CM VS 13 X 15 CM).				
	* 7900062	OAKLAND	800102	IOWA AGRIC. & HOME ECON. EXPT. STA (3)
'OAKLAND' MOST CLOSELY RESEMBLES 'WILLIAMS'; HOWEVER, 'OAKLAND' HAS PURPLE FLOWERS, BROWN PODS AND DULL SEED COATS, WHEREAS 'WILLIAMS' HAS WHITE FLOWERS, TAN PODS AND SHINY SEED COATS.				
	* 7900063	VINTON	800311	IOWA AGRIC. & HOME ECON. EXPT. STA (3)
'VINTON' MOST CLOSELY RESEMBLES 'DISOY'; HOWEVER, 'VINTON' HAS SMALLER SEEDS THAN 'DISOY' (22.6 VS 26.9 G/100 SEEDS).				

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\*TO BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED  
( ) NO. OF GENERATIONS OF CERTIFIED SEED PERMITTED BEYOND BREEDER'S SEED

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CONT)  
JANUARY 1, 1980 TO MARCH 31, 1980

KIND	APPL. NO.	VARIETY	ISSUE DATE	OWNER	
SOYBEAN	* 7900113	SRF 450P	800327	SOYBEAN RESEARCH FOUNDATION, INC.	(3)
		'SRF 450P' IS MOST SIMILAR TO 'SRF 450'; HOWEVER, 'SRF 450P' IS RESISTANT TO RACES 1 AND 2 OF PHYTOPHTHORA ROOT ROT, WHEREAS 'SRF 450' IS SUSCEPTIBLE.			
ST. AUGUSTINEGRASS	7700112	CHRISTI	800226	CURRAN L. GARRETT	
		'CHRISTI' MOST CLOSELY RESEMBLES 'ST. AUGUSTINE NO. 141'; HOWEVER, 'CHRISTI' IS SHORTER IN VEGETATIVE HEIGHT (8 VS 10.5 CM), AND HAS SHORTER FLOWERING SHOOTS (18.5 VS 26.5 CM) AND LONGER FIRST (2.36 VS 1.6 MM) AND LONGER SECOND (4.02 VS 3.45 MM) GLUMES THAN 'ST. AUGUSTINE NO. 141'.			
TOBACCO	* 7900040	SPEIGHT G-52	800311	SPEIGHT SEED FARMS, INC.	(3)
		'SPEIGHT G-52' MOST CLOSELY RESEMBLES 'SPEIGHT G-28'; HOWEVER, 'SPEIGHT G-52' IS SUSCEPTIBLE TO ROOTKNOT NEMATODE, WHEREAS 'SPEIGHT G-28' IS RESISTANT. ALSO 'SPEIGHT G-52' HAS A HIGHER NICOTINE CONCENTRATION (3.51 VS 2.92 %) THAN 'SPEIGHT G-28'.			

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## GENERAL INFORMATION

THE BEAN OBJECTIVE DESCRIPTION FORM HAS BEEN REVISED. THE REVISED FORM IS LABELED FORM LPGS-470-12 (2-79). THIS FORM REPLACES FORM GR-470-12 (1-77), WHICH IS OBSOLETE.

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